

PVRC Newsletter May 2001

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Ham Radio Outlet	21, 22, 23
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Array Solutions WX0B	409, 410
Force 12, Inc N6BT	466, 467
The Mast Company, K4TMC	

The paper edition was mailed at Arnold, MD on May 4th at 10:30 am.

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PVRC NEWSLETTER - MAY 2001

PVRC CALENDAR

Weekly Wed
BWI Regional weekly breakfast. Wednesdays 7:30 am,
Basil's Deli, Elkridge Landing Rd near BWI.

Monthly
Over-the-Hill Luncheon. TBA.

May 3 Thu
PVRC/NC meeting

May 14 Mon
Central meeting

May 15 Tue
Northwest region meeting in Frederick, MD.

May 15 Tue
Tidewater Colony meeting night.

May 18 Fri
SWVA meeting at Shoney's in West Salem

May 18-20
Dayton 2001 Hamvention, Dayton, Ohio. Thu, Fri, and Sat

May 26-27
CQ WPX CW. A 5-million award contest

June 1-3 Sa/Su
PVRC Reunion-on-the-air. See announcement in this issue.

Jun 7 Thu
PVRC/NC meeting

June 16 Sat
Open house at Frank Donovan W3LPL, 3055 Hobbs Road, Glenwood, MD

June 23-24

Field Day. Please support the PVRC W3AO FD effort. K3RA is the organizer.

July 21 Sat

Open house at Paul Hellenberg K4JA, Hamton Hall Rd, Callao, VA

July 21 Sat

Swap fest at Cary, NC. Info from Jim, WW4M

Aug 18 Sat

Fowlfest at W3YOZ park in Churchton, MD

Sep 30

PVRC meeting at the F.A.R.fest 2001 at PG Stadium in Bowie, MD

HAMFEST CALENDAR (MAY-SEP) Tnx to K3SZW & WW4M for info

May 26	Sat	Durhamfest NC
May 27	Sun	West Friendship MD
Jun 3	Sun	Manassas VA
Jun 9	Sat	Bloomsburg PA
Jun 9	Sat	Winston-Salem NC 'fest
Jun 10	Sun	Knoxville TN Hamfest
Jun 17	Sun	Frederick MD
Jul 1	Sun	Wilkes-Barre PA
Jul 4	Wed	Bressler (Harrisburg) PA
Jul 7	Sat	Salisbury NC Hamfest
Jul 15	Sun	Kimberton PA
Jul 21	Sat	Cary NC Hamfest
Jul 28	Sat	Western Carolina Hamfest, Waynesville NC
Jul 29	Sun	Timonium MD
Aug 4	Sat	Roanoke VA Hamfest
Sep 1 & 2		Shelby NC Hamfest
Sep 9	Sat	Poconos area PA (QTH?)
Sep 15	Sat	Schnecksville (Allentown)
Sep 16	Sun	York PA
Sep 30	Sun	F.A.R.fest, Bowie, MD

PVRC PRESIDENT'S REPORT by Brian McGinness, N3OC

Welcome to our annual "reunion" edition of the newsletter. This annual issue contains an up to date membership roster, and information on the annual PVRC Reunion, to be held June 2nd. This edition is mailed to all PVRicers and goes to over 700 members. On behalf of all of PVRC, I would like to thank our newsletter editor, Dick Wilder, K3DI for another fine job.

Things are going well with PVRC. Your current club officers are in their second year, with hopes to continue for a third. Our current officers (myself included) are relative newcomers to contesting, and I think it illustrates what a fine organization PVRC is that it can pass the torch and still continue on.

Having said that, I would like to thank the current officers and regional coordinators for hanging in there. Our VP, Jack Hammett

K4VV has done a meticulous job in scheduling in some fine speakers, the most recent being Jay Terleski WX0B, proprietor of Array Solutions. Thanks Jack, for arranging another great presentation.

This year I am making more use of our board of trustees to make policy decisions. We now have eight trustees, and we made a point to include trustees from the outlying regions. The outlying regions are just as much a part of PVRC as the central region, and we value your opinions. The trustees have been working behind the scenes to prepare a presentation to the ARRL Contest Advisory Committee (CAC) on several areas of the club competition rules, and our comments were well received.

A meeting of the trustees that were able to attend was held in early April. We had several items to address, including how to recapture the sweepstakes gavel! I am happy to announce that Tyler K3MM has "volunteered" to act as contest manager for the November sweepstakes. Last year, we took an approach that if we just talked it up, it would happen. That was my mistake! NCCC simply put on a bigger effort than we did, and they apparently captured the 2000 gavel.

We have more stations than they do, so if we better organize ourselves I think we can recapture the gavel. Tyler will be working with the officers to explore different ideas to motivate folks to get on the air. We may even have an inter-regional competition within PVRC as part of sweepstakes with a nice prize to the winning region.

As many of you know, Steve Affens K3SA passed away just after the 2000 CQWW CW while contesting and vacationing in the Cayman islands. Steve was our first webmaster and put PVRC in the internet. I only knew him for six years, but in that time I was amazed at his constant enthusiasm for contesting in general, and PVRC in particular. A year ago, as our "rookie" president, Steve was nothing but supportive of my efforts.

As a result of the tremendous efforts by Burt Cohen W3GG and Dave Sinclair K3KY, Steve's tower and equipment have been taken care of in record time. I went to see Steve's wife, Patty N3HOT a couple weeks ago to pick up the PVRC historical documents, and when giving me directions to the house, Patty said "I used to tell everyone to look for the antenna tower. Now I am having a hard time describing our house!". We both got a good laugh out of that. Thanks Burt and Dave, from all of PVRC, for an important job well done!

Also, sadly Carl "Andy" Andersen W3XE passed away this January. Many PVRCers attended his funeral and reception afterwards. Andy was a long-time PVRCer, County Hunter (or should I say County Giver?) and played a major role in the development and operation of the Ashton 147.00 2 meter repeater that most of our members in the Washington and Baltimore areas use daily. Andy, you too are missed.

I mentioned I had retrieved the club historical documents. I have had a lot of fun looking through the wealth of information about PVRC. I see where some of you have been fussbuckets in the past (you know who you are)! I also found an AutoCall magazine for the month and year that I was born. Wow! And guess what? The only callsign I recognize in that book is W3GNQ... Dick, I didn't realize you were that old! I guess I really do need to start calling you MISTER Drevo...

Our new webmaster is Pete Smith, N4ZR. The new site is on line as always at <http://www.pvrc.org> - you can contact Pete at [\[email protected\]](#) if you have any suggestions or questions about the web page. Our thanks to Scott Affens and Affcom for hosting the web site until we were ready to assume operation of it ourselves. GO PVRC!

TREASURER'S REPORT; APRIL 25 by Dave Baugher, WR3L, Treas.

I would like to thank the following for the donation in April: K4RB, N4MO, N4GU, W3US/KH6, W3OU, W3XG, WA8WV, AF4CD, W3UJ, and KC3EK.

I also take badge orders and ARRL renewals. Please contact me for more information. I have enclosed an envelope for anyone wishing to make a donation to the club. Please remember we have no mandatory dues, only donations. Thanks to all that have already sent donations. I assume you the money will go to the necessities to operate a successful contest club. Look forward to working you in the WPX contest and having PVRC as number one!

DAYTON HAMVENTION 2001; MAY 18, 19, AND 20

Dayton Hamvention announces banquet MC, speakers, and entertainment: Carl Nichols, N8WFQ, will be back this year as Banquet Master of Ceremonies for the 2001 Dayton Hamvention. Nichols is Chief Meteorologist for WDTN Channel 2 news in Dayton. The featured banquet speakers are Bob Heil, K9EID, of Heil Sound Ltd; FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth, K4ZDH, and Space Amateur Radio EXperiment (SAREX) Working Group Chairman Roy Neal, K6DUE. Their topic will be "Amateur Radio, Past, Present and Beyond." Post-banquet entertainment will be provided by Jim Whitter and Jude Johnson of Canada--The Hammer Band. For more information, visit the Hamvention Web site, <http://www.hamvention.org/> . (From Dayton Hamvention via the ARRL Letter)

THURSDAY DINNER AT DAYTON by Rich Boyd, KE3Q and Rob Shapiro, ND3A

On Thursday night we have an informal dinner with many PVRicers at a Chinese restaurant that's southeast of downtown Dayton. This was formerly called "K3ZO's Mongolian Barbecue" but when the Mongolian BBQ place closed we found another place nearby, the Chinese place. Typical attendance has been about 30, about half of whom have been PVRicers and the others have been contesters from the U.S. and DX. We start gathering in the Crown Plaza

lobby late thursday afternoon and a decision is made at a certain time to get going; usually between 5 or 6. (Prior to then, the restaurant should be telephoned to reserve the room/tables for our group.) Get in touch with K3ZO, W3LPL, or KE3Q at Dayton to try to stay in the loop (e.g. leave messages for K3ZO and W3LPL or ND3A or WR3Z at the Crown Plaza desk or KE3Q at the Dayton Marriott).

The directions to China House (tel. 937-426-8532) from the Crown Plaza in Dayton are as follows: (The first four directions allow one to get away from the Crown Plaza due to the one-way streets)

- Proceed on E. 5th Street
- Left on South Jefferson
- Left on E. 4th Street
- Left on Route 48
(this is south on Main Street)
- Proceed 3.9 miles to
the town of Kettering
- Left on E. Dorothy Lane
- Proceed 3.5 miles. The street name
will change to Indian Ripple Road.

China House is at 4492 on the left side, in the parking lot in front of a shopping center.

Interstate 675 (the loop around Dayton) is one-half mile down the road so that is an alternative for persons travelling to the restaurant from elsewhere.

Bernie will maintain a PVRC sign-in sheet at booth 520 which has been his Hamvention location for four years. Please visit our advertisers that have booth at Dayton and feel free to thank them for advertising in the PVRC NEWSLETTER.

Ham Radio Outlet	21,22,23
The RF Connection (W3RFC)	156, 157
The Daily DX (W3UR)	520
Array Solutions (WX0B)	409, 410
Force-12, Inc. (N6BT)	466, 467

HZ1AB OPERATORS AT DAYTON by Joe Mitchell K4AW Indialantic, FL

In recent months the HZ1AB station operator roster has steadily shrunk with the reduction of the foreign national work force in Saudi Arabia and increased security concerns of the Saudis. In addition, the in-country support system and future existence of the station is in doubt. Access to the station is getting more and more difficult and uncertain.

It's very possible that the station will be closed permanently this year after a very active 54-year presence in the DX world. Among many other contest award certificates and plaques, they also achieved a 6-Band Worked All States certificate, not an easy feat from Saudi Arabia. A long-term commitment to QSLing 100 %

has produced 10-15,000 QSL's a year sent out from the club members by Leo K8PYD in Dayton, a great QSL Manager.

Fifteen or more members of the active and ex-op group will be present at Dayton; Bill Mills KC4AA, Dave Nygren W8UD, David Sparvell G4FTC (from UK), Ed Campbell NT4TT, Jerry Johnson K0JJ, Joe Mitchell K4AW, John Clausing KS6EZ, John DeHart K1VBM, Ken Dyer GW0RHC, Manfred Reichert DF1IK (from Riyadh), Riku Kalinen OH2LWO, Ron Holtane W7FLE, Terry Posey K4RX, Thomas Carlsson SM0CXU (from Riyadh), and Leo Fry K8PYD. Please look them up if you are an ex-op or just interested and check the web page at <http://www.qsl.net/hzlab/>

Joe Mitchell, Bill Mills, Dave Nygren and other members of the group will be staying at the Troy Marriott Fairfield and will have a meeting there Thursday evening starting at 6 pm.

ARRAY SOLUTIONS DISCOUNTS AT DAYTON by Jack Hammett, V.P., K4VV

Jay Terleski, WX0B, has offered a discount for PVRC members at Dayton. A 5% discount for cash (or check) purchases will be in effect for everyone, and Jay will give PVRC members an additional 6.25% discount by paying the Ohio Sales Tax. The discounts will apply to Array Solutions and many other products from various manufacturers who have agreed. Jay will have stocks at Dayton based on his previous sales experience, so he advises that we shop early to insure availability. You may have a PVRC friend shop for you if you will not make it to Dayton. Refer to the web site at www.ArraySolutions.com for product information. Please pass the info on the program to your PVRC associates by email or means other than ham radio (to avoid any appearance of commercial activities). Array Solutions booths are 409 and 410 inside the arena.

FORCE 12 DISCOUNT PROGRAM FOR PVRC by Jack Hammett, V.P., K4VV

Several members asked about the possibility of another Force 12 discount program this year. Tom, N6BT has offered a repeat discount opportunity similar to the one last year. Tom will fill our consolidated order with a 15% discount off the 2001 Catalog prices, to be paid by checks or individual credit cards with direct shipment to each individual as the antennas are produced, as he did last year.

Jim Horton, N3KTV has volunteered to administer the program again this year--to coordinate and consolidate the order for payment and to oversee the execution for PVRC. We appreciate Jim's efforts for the Club.

The planned timeline is to use the Dayton season through mid-June to collect the orders, then submit to Force 12 for shipments in July.

The new Force 12 Catalog and pricing are accessible at www.Forcel2inc.com and linked from the PVRC web site (Commercial

Sites/Force 12 Catalog).

Please pass the info on the program to your PVRC associates by email or means other than ham radio (to avoid any appearance of commercial activities).

SIXTY+ ATTEND PVRC-SPONSORED WX0B BRIEFINGS 6 TO 9 APRIL

Overview and attendance by Jack Hammitt, K4VV, Vice Pres.

Summary of the briefing by Dick Wilder, K3DI

Jay Terleski, WX0B was our honored guest for two dinners, and our speaker for two briefings. He presented A Short Study of Stacking Yagi-Uda Antennas, addressing systems for 40 through 10 meters. He gave many examples comparing realistic stacks and created computer modeling displays on the fly. He compared stacks of "Shorty 40" beams vs. full sized antennas. The Briefings were well received.

[Photo of WX0B here in the paper edition.]

Photo by K4VV

The April 6 events were held at the Olive Garden Restaurant and at the SAIC Conference room in Tysons Corner, VA. The April 9 events were held at the Holiday Inn Restaurant in Beltsville, MD, and in the Capitol College Auditorium in Laurel, MD.

The following signed in at one or more events. Special recognition is given as noted.

Dr Bill Troxler (President of Capitol College), K1KC, K1PX, K2PLF, K3DI, K3DNE, K3IXD, K3LP, K3TM, K3ZJ, K3ZO, K4JA (Co-host 4/6 dinner), K4VV, K4ZW, K5RJ (NCDXA visitor), K7LU, KE3Q (did the video), N1WR, N3AM, N3FX, N3HBX, N3HUV, N3HXQ, N3NNQ, N3OC (Co-host 4/9 dinner), N3RR (co-host & coordinator for 4/9 dinner), N3SB, N4RV, N4ZH, ND3A, NE3H, W0YVA, W3DA, W3DAD, W3DQ, W3GG, W3HXF, W3KHZ, W3LPL (Co-host 4/9 dinner), W3MC, W3OA, W3PP (Co-host 4/9 dinner), W3TOM, W3UL, W3YD, W3YOZ, W3ZZ, W4CE, W4MYA (Co-host 4/6 dinner), W4NF, W4RM, W8JVP, W8ZA, WR3L, WR3Z, WX0B (Our speaker), WX3B (Co-host 4/6 dinner), WZ3AR

The follow are notes taken from the slides "A Study of Stacked Arrays of Yagi-Uda Antennas" by Jay Terleski, WX0B. The slides contain volumes of radiation patters which may be viewed at www.pvrc.org; see instructions just below the "Welcome..." line. Or, directly to http://www.pvrc.org/Powerpoint/wx0b_files/frame.htm.

A good model for 20m and 10m will be 4 element 23 ft boom designs. On 40m, 2 and 3 elements are common.

We stack yagis for gain, clean pattern, control ft take-off angle, radiate in multiple directions, and suppress static. The antennas may be both-out-of-phase (BOP) or both-in-has (BIP). Typically BOP is at 180 degrees. In a stack of four antennas, they may use BOP, BIP, or both BOP and BIP.

A BOP rule is gain is always less in the main lobe. But, the gain may be better at all the nulls. Various phasing may cause coverage of your signal at the target area to be narrow or slurred over a wider area. Also, BOP may give higher take off than BIP thereby improving the stack for a domestic contest.

Boom length and spacing were discussed. A comparison of a good boom length and spacing between antennas in stacks is:

Wavelengths:

Booms	1.0	0.75	0.50	0.25
Spacing	1.0	0.87	0.71	0.50

When stacking dissimilar antennas, one must consider the matching technique, driven element offsets, and balun types. Dissimilar matching and baluns is complicated. Antennas can also be staked horizontally. Also, a combination of horizontal and vertical stacked can be used. Rotating a horizontal stack is complex as the antennas rotate from side-by-side to nose-to-tail. Multi-direction beaming can be accomplished by rotating individual antennas in a stack. The stacks discussed in this paragraph are too complex to be summarized in the Newsletter.

Gains that may be obtained by adding additional antennas on a vertical stack: Adding 2nd is 2.2-3 dB, 3rd is 1.5-2 dB, and adding fourth is 0.5-1 dB.

Summary of take off angle. Switching controls take off angle. Poor spacing may yield bad lobe angles. Stack lobe will be higher than top yagi alone. Peak to null is 18-20 dB. Adding phase delay on one antenna can create a larger target and minimize nulls.

Summary of BIP and BOP. BOP can give a high angle from 2-stack with sacrifice of only 3 dB; good for SS and NAQP. A high stack can work like a lower antenna.

Summary of Pattern. Stack can clean up unwanted high angle lobes. Boom length and spacing are closely related; watch in modeling. Rotate one or more antenna(s) of stack results in beaming in one or more directions. A slurred pattern can increase the target area size.

Summary of 40m stack. Shorty forty (SF) are effective in gain and pattern. SF stack equal or exceed a 3-ele full size and have a better pattern. A SF stack can beam in two directions. SF is OK but a full size 40 stack RULES!

Array Solutions has a product line of more than stacking control systems. At the conclusion of the briefing, Jay showed the group Array Solutions new SO2R control box. Please note their advertisement below.

NW REGION MINUTES, 17 APRIL 2001 by Ed Steeble, K3IXD

The NW region met at Tully's Grill in Frederick. In attendance

were: K3IXD, N3VOP, W8ZA, W3EKT, N3KTV, W0YR, K3SX, and WD3A.

After diner, K3IXD opened the business part of the evening with the announcement that K4VV again has negotiated a special price for PVRC members with Force 12. Force 12 is about to, or has, announced some new antennas. Watch their web site. I believe N3KTV will be taking orders through June 30 with delivery later in the summer. Watch for details from K4VV. N3KTV will again be the coordinator for the orders.

Also K4VV has worked a deal with Jay, WX0B, Array Solutions, for a special price on Array Solutions products purchased at Dayton for cash. In addition to the 5% discount for cash at Dayton, Jay will be giving PVRC members an additional discount. If you are interested and aren't going to Dayton, give your cash to a PVRC Buddy who is going and have them make the purchase for you. K4VV will be sending out more details.

Around the table: Ed, K3IXD, reported on his successful cataract surgery last month and thanked Bob, W8ZA, for taking the minutes. I will be out of town for the May meeting. Sid, K3SX, volunteered to take the minutes of that meeting. I will look into have the June meeting at the Mongolian BBQ, the May meeting will be at Tully's. K3IXD made 9 QSOs in the 2m Sprint. I operated the WPX SSB contest in the Single Operator Assisted, tribander plus wires category.

Tom, N3EYB, told me about CQ magazine article on electronic QSLing (eQSL). N3EYB had 35 cards in the queue. N3VOP said he has used it. K3IXD discovered he had 156 cards waiting for him. W8ZA found out he had over 500 cards waiting for him. The question is when will ARRL accept eQSL cards for awards? The web site is <<http://www.eqsl.cc>>. (Yes, cc is correct.)

Mike, N3VOP, picked up a surplus 486 computer at the Carroll County Radio Club meeting and donated it to W3LPL for the PacketCluster. He gave a satellite talk and demo at the Carroll Country Radio Club meeting. Mike was on for the 2m Sprint.

Bob, W8ZA, made 48 QSOs in the Polish contest. He is thinking about phasing his two, three element 40m beams after attending WX0B's talk.

Ed, W3EKT, was in FL last month visiting his grandchildren and also took a week cruise. He is catching up on his QSLing. He asked about printing labels with CT. DX4WIN's capability was also discussed. In the 2m Sprint W3EKT made a dozen QSOs.

Jim, N3KTV, has been busy at work but he did volunteer to collect the orders for the Force 12 antennas again. (We thank you Jim. I am very happy with my C-3SS.)

Mike, W0YR, is usually in Europe but does attend when he is in the area on a third Tuesday of the month. It was good to see him again. He has one 90 foot tower up with 10m and 40m beams on it.

A second tower is planned, it will house the 15m and 20m beams. He operated HA5JI in the CQ 160m SSB contest and believes he obtained 2nd place, EU. He had 2 QSOs with NA.

Sid, K3SX, worked a LU on 6m last week for a new band country. On 160m, he has two new countries this year bring his total to 210 worked. With assistance from N3OC, Sid has phased his 160m inverted Ls. It is working very well. Sid said that INRAD does not make filters for the FT-100. Sid is the NA collection point for donations for the ZD7K and ZD8K DX expedition now underway.

Tom, WD3A, attended WX0B's talk last Monday night.

The next NW Regional meeting is scheduled for the third Tuesday of May, May 15, in Frederick, MD. The meeting begins at 7:30PM with some showing up for dinner about 6:00PM.

OVER-THE-HILL LUNCH GROUP, 27 APR 01 by Bill Leavitt, W3AZ

The Over the Hill Group met at the Best Western Hotel in Oxon Hill, MD. on April 25, 2001. Those in attendance were W3ABC, K3ZO, W6AXX, W3GN, AA4XU and W3AZ. Conversations ranged from the repairs of FT-1000 MPs to breathing life back into a piece of very old bread board gear. The tube used in it has a 4 pin base with the pins arranged in a square. The filament connects to the diagonal pins instead to 2 pins on one side of the square as in an 01A. Anyone have any suggestion what tube it may be? In those the tubes were only triodes.

PVRC MEETING AT TIMONIUM 3/31 by Fred Laun, K3ZO

A number of PVRC'ers attended the Greater Baltimore Hamboree & Computerfest at Timonium, MD, on Saturday, May 31, and signed the register as present at the informal meeting held at the DXCC Card Checking booth where K3ZO & XYL Somporn were checking cards.

Those signing in were: W4RX, ND3F, W3IY, W3GG, K3KY, W3DQ, N4MM, W3BE, K3PD, K2PLF, W3KHZ, W3LPL, WA0QII, W8ZA, K3IRV, N3VOP, K3LP, AJ3M, WB4FDT, KV3R, K3ZO, and K3GV,

Brian, ND3F, was busy discussing VHF contest rover skeds with WA1ECF, who was also checking DXCC cards at the booth. W3IY took time out from the big Aurora to come over and attend, but was back working 2 meter Aurora later in the day. Burt, W3GG, checked WA0QII's WAZ application while he was there and pronounced it valid. W3DQ brought along his DXCC cards and qualified as a brand new member of DXCC. Congrats, Eric! John, N4MM, pulled duty in the ARRL Booth along with ARRL President W5JBP, Vice President WT3P and Vice Director W2ML.

John, W3BE, hasn't showed up on a PVRC sign-in sheet since retiring as the FCC's Amateur Radio chief. Pete, K3PD, was busy promoting the Harrisburg Radio Amateur Club's July 4 "Firecracker Hamfest". Pip, WB4FDT, says he lives on the Eastern Shore now, is thinking of trying to find a job closer to his residence.

AnywAay with the last two kids leaving the family nest for college, retirement and full time dedication to his stamp service may be a viable option. Bill, KV3R, reminded K3ZO that he had visited the K3ZO residence long ago to see what ham radio was like. Now "he are one" and his QTH serves as a base camp for the K8GP operations to Bald Knob.

Meeting adjourned at 3:30 p.m. when K3ZO headed for the exit.
Respectfully submitted.

CENTRAL PVRC MINUTES 03/12/01, by Jack Hammett, K4VV, Vice Pres.

The meeting was held on Monday, March 12, 2001 at Temple Hills, MD, PVRC members in attendance were WK3I, W3HVQ, K3ZO, K3IRV, NA1DX, N3UM, W3DQ, N3RR, KE3Q, W3YOZ, W3TOM, WR3L, and K4VV. Allen Stevenson, KA3ZPA was a visitor. N3OC was unable to attend so K4VV chaired the meeting.

N3OC provided the President's report by email:

1) Comments from the PVRC Trustees in regard to the club competition rules have been forwarded to the chairman of the CAC, AA7A. Our comments were well received by AA7A, who noted that ALL counties in Arizona touch his 175-mile circle. Checking on the NCC web site, they report a claimed win in the November sweepstakes. I was not able to view their claimed score, however since they say it is in the hands of the log checkers, it must be somewhat close. Somehow they can get our claimed club score, but we can't get theirs. It is my intention to address the SS at the upcoming trustees meeting in early April, to form a plan of action for this year.

2) A trustee meeting has been tentatively scheduled for early April. The trustees will discuss appointing a committee to investigate moving the club circle, forming a plan for this year's sweepstakes, issues concerning the newsletter, and other items as needed.

3) The newsletter is always looking for material to publish. If you have something of interest, please forward it to [\[email protected\]](#) for publication in the newsletter. The newsletter is also looking for someone to coordinate advertisers to offset some or all of the cost (PVRC's largest single expense).

4) Arrangements are being made for another series of presentations by Jay Terleski, WX0B, the proprietor of Array Solutions (the Stack Match people), which will occur in early April. K4VV will provide more information on this.

K4VV gave info on the WX0B presentations in planning for 6 and 9 April. WR3L summarized our status and distributed new badges from the recent order.

One new member was voted into PVRC--Roy Goshorn, W3TEF, Bellwood, PA. Roy operated in recent VHF Contests at the W3SO mountaintop

site developed by W3YOZ near Altoona, PA. Roy is Extra Class, licensed in 1951, and retired from a Broadcasting career with WBAL-TV and ABC-TV (ask Roy about China with Nixon). Roy has many operating awards and 334 countries confirmed. Roy was sponsored by W3YOZ and K4VV.

War story summary highlights:

- 1) Ben/N3UM--Pictures of new 60' Rohn 25 Tower w/C4 fed with LMR, installed turnkey by MD Tower Service.
 - 2) Doug/NA1DX--Did 160 phone and DX Phone Contests w/new FT1000, 121 countries in weekend, 101 on 10 meters, preparing for WPX and Field Day.
 - 3) Irv/K3IRV brought cards.
 - 4) Fred/K3ZO--Murphy visited early on 1Feb, FT1000MP down so used TS-830 for ARRL CW (#10 in USA), then borrowed FT1000 for Phone (#5 in USA); had noise, 80m beam broke; preparing for WPX.
 - 5) John/W3HVQ--Playing bridge on the Internet, RF problem in the Fall.
 - 6) Rich/WK3I--Will do WPX with a 2x2 call.
 - 7) Allen/KA3ZPA--Using A3 beam on HF, 14 el on VHF.
 - 8) Tom/W3TOM--Getting ready for contests.
 - 9) Marty/W3YOZ--New Packet node on 144.91 went down during ARRL contest due to fog, so replaced the 432 link with a 220 one; working on a second balloon antenna for 160m; comments on Beverages.
 - 10) Rich/KE3Q--Operated at W3LPL about 40 hours straight; took down a Big Bertha that was about 15-20 years old from the Arthur Godfrey property with help from the W3NRS Team.
 - 11) Bill/N3RR--CW and Phone contest conditions unbelievable, lots of Q's on 160m w/Europe using Inverted Vee at 94', invited Ops to participate in the WPX.
 - 12) Eric/W3DQ--Discussed operating in DC, lack of presence.
 - 13) Dave/WR3L--Discussed busted calls on the packet network.
- HELP WANTED by Brian McGinness, Pres, N3OC

The PVRC officers are looking for help from our members in several areas. If anyone is interested in any of the following areas, please contact N3OC.

Auto Call Editor - This job involves maintaining a presence on auto call, and occasionally writing something to encourage new members or push upcoming contests.

Club Historian - A senior member who is interested in our past history is needed to take possession of the historical documents and maintain them.

Newsletter Advertising Manager - Dick would like an assistant to manage the monthly ads. If we are able to have someone willing to work with potential advertisers, we can offset more of the cost of the newsletter, our single largest expense.

SHORT NOTES by K3DI:

N3OC dug the below photo out of the PVRC archives which is

supposed to be a FD group shortly after our 1947 founding. Perhaps about 1950. Vic Clark W4KFC SK is easy to spot. Can you ID any of the other three? Please reply to K3DI.

[Photo not included in this electronic edition.]

Jim Talens, N3JT recommends the follow site to obtain software to convert your contest logs into the Cabrillo format:
<http://www.qsl.net/ka5wss/logconv/index.html>

The HRO ad has a discount coupon for \$200 on an IC-706MKIIG until 6/30/01.

Tom Kunkel, K3DSP, came in #2 as a Rookie in the WPX CW 2000 contest. Congratulations and good luck in moving upward in contesting.

All ARRL members can obtain a free email forwarding via (your call)@arrl.net to whatever your regular address is. The ARRL web site has details. For example, isn't it easier to remember your scores should be sent to [\[email protected\]](#) instead of [\[email protected\]](#)?

Here are some roster corrections:

K4HA is now [\[email protected\]](#)

Please add [\[email protected\]](#)

WA7LT is alphabetized as if still W9LT

And on the reference page:

The Autocall editor position is vacant.

PVRC REUNION ON-THE-AIR; RULES AND COMMENTS

1. Eligibility: All members of PVRC worldwide (Once a member, always a member!)

2. Object: To contact as many other PVRC members around the world as possible, using 7 bands as follows:

CW: 80, 40, 20, 15, 10 meters

SSB: 20, 10 meters

3. Date: Always the first weekend in June. This year's reunion will be June 3, 4, and 5 (zulu) 1999

4. Frequency: CW always 47 kHz up from the bottom of the band (3547, 7047, 14047, 21047, and 28047 kHz). Phone frequencies are 14247 kHz (14250 as an alternate) and 28447 kHz on 10 meters. (These are suggested frequencies.)

5. Three contest periods (2001):

2 June: 1400Z - 1800Z

3 June: 0000Z - 0500Z and 2200z - (4 Jun) 0300Z

6. Contest exchange: Serial number, your call, QTH, your call when first joining PVRC, and year joined PVRC.

Example: NR73 W6XYZ CA W4XYZ 60

7. Valid contact: Completed two-way QSOs on any of 7 bands.
No crossband or crossmode QSOs permitted.

8. QSO points: Two points for each completed QSO.

9. Multipliers: Total multiplier is the sum of all states, DC, Canadian provinces, and DXCC countries worked. (AK and HI count as a state or a country, not both.) Each multiplier may be counted once, not once per band. Maritime mobile contacts count only for QSO points; not a multiplier.

10. Reunion call: CQ PVRC

11. Please send your score as:

#QSO #Mult Score (Score = #QSO x #MULT x 2).
Also, please let us know the exchange you sent (example):
W6XYZ CA W4XYZ 70

Send to the PVRC Newsletter editor ([\[email protected\]](#), etc.) by the 25th of June to make the July issue listing. You do not need to send in your log or the optional dupe sheet.

If you work a station that claims to be a member, but is not listed in the roster, please send that exchange information with your score and indicate that QSO is included in your score. We'll check it out and adjust your score, as needed. All soap box comments are welcome!

Lets take a look at the participation of past reunions and who placed in the top five. The following lists the year, number of scores received, and the number of QSOs by the #1 station. The calls are listed in order of finish.

Year	Rcvd	Q's by #1
96	40	191 W3UJ W4YE N4RP K3ZO KE3Q
97	54	217 K1HTV K3DI W3UJ AA3LE W3PP
98	42	213 K1HTV W3UJ K3MM W3PP N8II
99	37	149 K3DI W3TMZ W4YE WR3Z KT4P
00	38	157 W3TMZ W4YE K3CKT WR3Z W3GRF*

*Op: W3MC

The number of QSOs of the winner may be more an indication of activity than the number of scores sent in. For example, in 1999 my log contained 57 different calls though only 37 logs scores were received. Based on the above, the reunion-on-the-air activity seems to be dropping. It appears that the reunion could use more promotion.

[The paper edition contained an OPTIONAL dupe sheet.]

S C O R E S by Bob Dannals, [\[email protected\]](#)

* Changes/additions/deletions *
* to [\[email protected\]](#) or packet *
= missing information

CQ WPX SSB (#5 - 04.19.2001)

CALL PWR BAND QSO MULTS SCORE

SINGLE OP - UNASSISTED

KF3P	C		3456	1036	9,092,972
K3ZO	C		2742	913	6,799,111
NY4A	C	10	2152	882	4,441,752
N3HXQ	C		1510	692	2,550,020
N3HBX	C	10	1187	629	1,832,906
KN1DX	C		1018	533	1,433,237
W3UJ	B	TS	997	530	1,349,910
K2UOP	C		903	499	1,136,223
NV4X	C		820	445	1,001,695
4U1WB	C	TS	1095	494	995,410
N4MM	C		798	496	984,064
N3UN	B		709	417	756,855
W4YE	C	TS	665	411	749,664
W2GPS	C	TS	725	419	713,138
K3DSP	B		644	415	653,210
KC8FS	B	TS	612	381	612,267
N4YDU	B		507	336	426,384
N3FX	C	TS	490	329	411,908
K3GV	C		436	292	299,884
W3UL	C		381	270	235,170
N3FNE	B		387	265	226,840
N3HS	C		300	243	199,746
N2NFG	B		231	184	95,128
N3EYB	B		172	149	60,643

* SINGLE OP - ASSISTED

KV3R	C		1558	740	2,823,840
NA1DX	B		752	498	988,032
W2GG	B		814	485	979,700
K3KO	C		450	443	559,066
KO4MR	C	10	460	318	395,274
K3IXD	C		450	341	391,809
K1SE	B	15	147	132	41,052

* MULTI-SINGLE

* MULTI-MULTI

W4MYA	C		5390	1282	16,509,596
WR3L	C		2160	856	4,699,440
AK3Z	C		1839	811	3,392,413

* DXPEDITIONS

A61AJ		####	###		4,485,102
TI7/N4MO	10	2113	712		3,574,240
7J1AOE	C		322	195	174,330

A = QRP

B = LOW POWER

C = HIGH POWER

TS = TRIBANDER + SINGLE ELEM 160-40

BR = BAND RESTRICTED

R = ROOKIE

- - - - -
37 LOGS SSB TOTAL 76,072,603176
- - - - -

OPERATORS:

4U1WB AJ3M
7J1AOE K3DI
A61AJ W3ZZ plus 11 non-PVRC
AK3Z AK3Z N3SB NY3A WX3B W3ARS
 W3JJH N3YIM plus 1 non-PVRC
KF3P K3MM at W3LPL QTH
KN1DX K4ZW
NV4X K4MA at AA4NC QTH
NY4A W4ZV
W4MYA KF4QQY N4DEN N4EHJ W4DR W4HJ
 W4HZ W4MYA WK4Y WA4QDM
WR3L WR3L K3FT AA3SC KA3TUL

The paper edition contained additional advertisements from:

Array solutions
Force 12
Ham Radio Outlet
The Mast Co

Enclosed with the paper edition was a roster that contained:

For each member:
Call, Name, mail QTH, and home and work telephones
List of Silent Keys and lost members (unknown addresses)
Added page had email addresses, when known
Regular reference page.
Advertisement for
 The Daily DX and The Weekly DX (W3UR)
 The RF connection

For more info about W3UR's email DX bulletins

visit www.dailydx.com
email [\[email protected\]](#) for free samples
Visit W3UR at booth 520 at Dayton
Telephone 301-854-5650 or FAX 301-854-5105
Or write:
 The Daily DX, 3025 Hobbs Rd, Glenwood, MD 21738